(54) **INFORMATION RETRIEVAL SYSTEM**
(11) 63-228221 (A)   (43) 22.9.1988 (19) JP
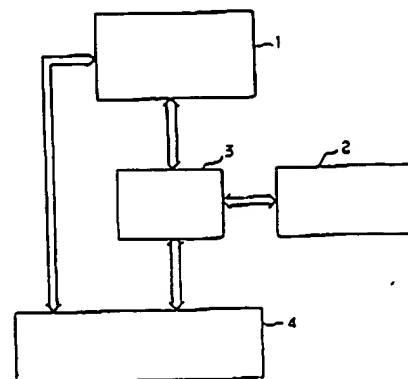(21) Appl. No. 62-61672   (22) 17.3.1987
(71) MITSUBISHI ELECTRIC CORP   (72) KOHEI NOMOTO(1)
(51) Int. Cl'. G06F7/28,G06F12/00

PURPOSE: To attain the titled system that does not necessitate complicated procedures for registering a bit of information by providing an information storage means, a citation relation storage means, a fuzzy logical operation means, and an interface.

CONSTITUTION: The following means are provided: the information storage means 1 to store information, the citation relation storage means 2 to store the citation-relation of information, the logical operation means 3 to execute a fuzzy logical operation, and the interface 4. When an information that can be a clue is inputted to the interface 4, the logical operation means 3 calculates the relation between the bits of information based on a citation relation stored in the storage means 2 and retrieves a bit of specific information from the information storage means 1 then outputs it to the interface 4. Therefore, at the time when registering a literature, an operator is necessitated only to input the citation relation according to a procedure without understanding its content, hence there will no difference occurring among individuals, and also, the labors for the registering can be spared.

(54) **DATA BASE PROCESSING SYSTEM**
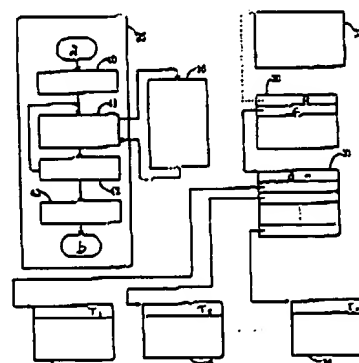(11) 63-228222 (A)   (43) 22.9.1988 (19) JP
(21) Appl. No. 62-61854   (22) 17.3.1987
(71) FUJITSU LTD(1)   (72) HIROMOCHI YAMAZAKI(1)
(51) Int. Cl'. G06F7/28,G06F12/00

PURPOSE: To comparatively easily add a relevant table processing function by constituting the titled system so that a table-identifying name, a row retrieval condition, etc., are designated by using a table control table, a table control table is instructed by a member control table, and a relevant table is processed depending on the result of the retrieval.

CONSTITUTION: The table processing control tables 32~34 are provided corresponding to the tables of members, and respectively represent table-identifying names, row retrieval conditions, etc. The respective items of a member processing list 31 hold pointers to instruct the tables 32~34, and a bit of relevant processing control information 30 holds a relevant name, a pointer to the list 31, and a bit of necessary condition information, etc. A relevance processing part 35 controls a table retrieval part 16 to let retrieval processings in accordance with the table processing control tables 32~34 instructed by the list 31 be executed sequentially, thereafter processes a relevant table 36 depending on the result of said retrievals. In such a way, by making use of processing control tables and processing means necessitated in a conventional retrieval processing, the processing means for the relevant table 36 can be constituted.

32,33,34: table. 40,42: repetitious processing. 41: retrieval call. 43: relevant processing. T₁,T₂,Tₙ: conditional expression. a: start. b: end. c: relevant name R. pointer. conditional expression. d: effective number, pointer

(54) **COMMON SEGMENT REFERENCE SYSTEM**
(11) 63-228223 (A)   (43) 22.9.1988 (19) JP
(21) Appl. No. 62-63113   (22) 17.3.1987
(71) NEC CORP   (72) ATSUKO SHIRAHAMA
(51) Int. Cl'. G06F9/06,G06F9/46,G06F12/10

PURPOSE: To operate a program even with an operating system of different generation without regenerating the program by having the address of a common segment outside the program.

CONSTITUTION: The followings are comprised: an offset conversion table 4 to convert a common segment name in object programs 1, 2 to an offset, an offset burying means 3 to bury the offset in the common segment reference part of a load module program 5, a common segment address storing table 6 to convert the buried offset to an address, a common address take-out means 9 to take out a common address from the offset by using the table 6, and a common segment positioning means 10 that positions the taken-out address at the common segment 7 or 8 by using the address which has been taken out. As a result, in the case of operating this load module with a different operating system, the program does not need to be regenerated.